

FIG. 1

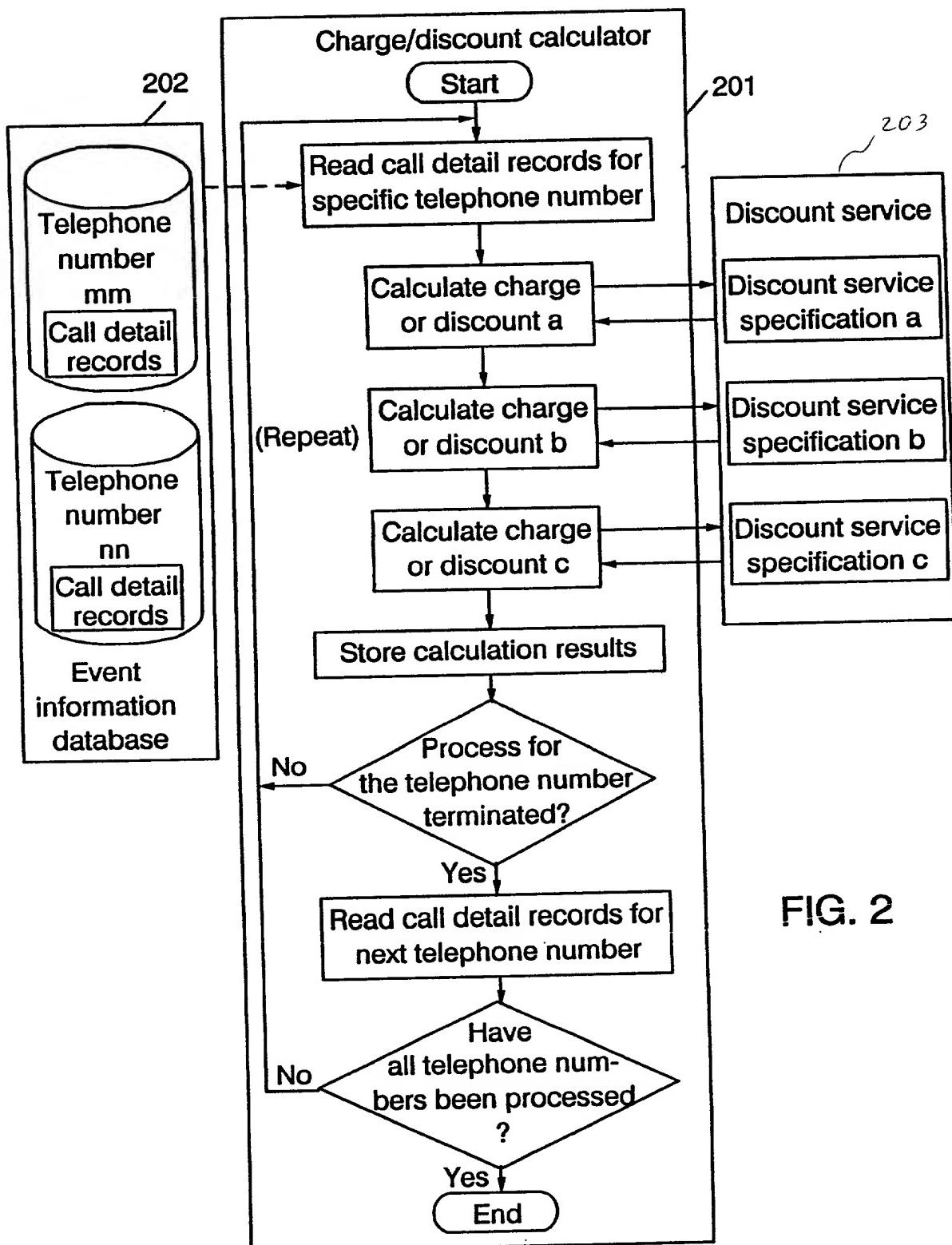


FIG. 2

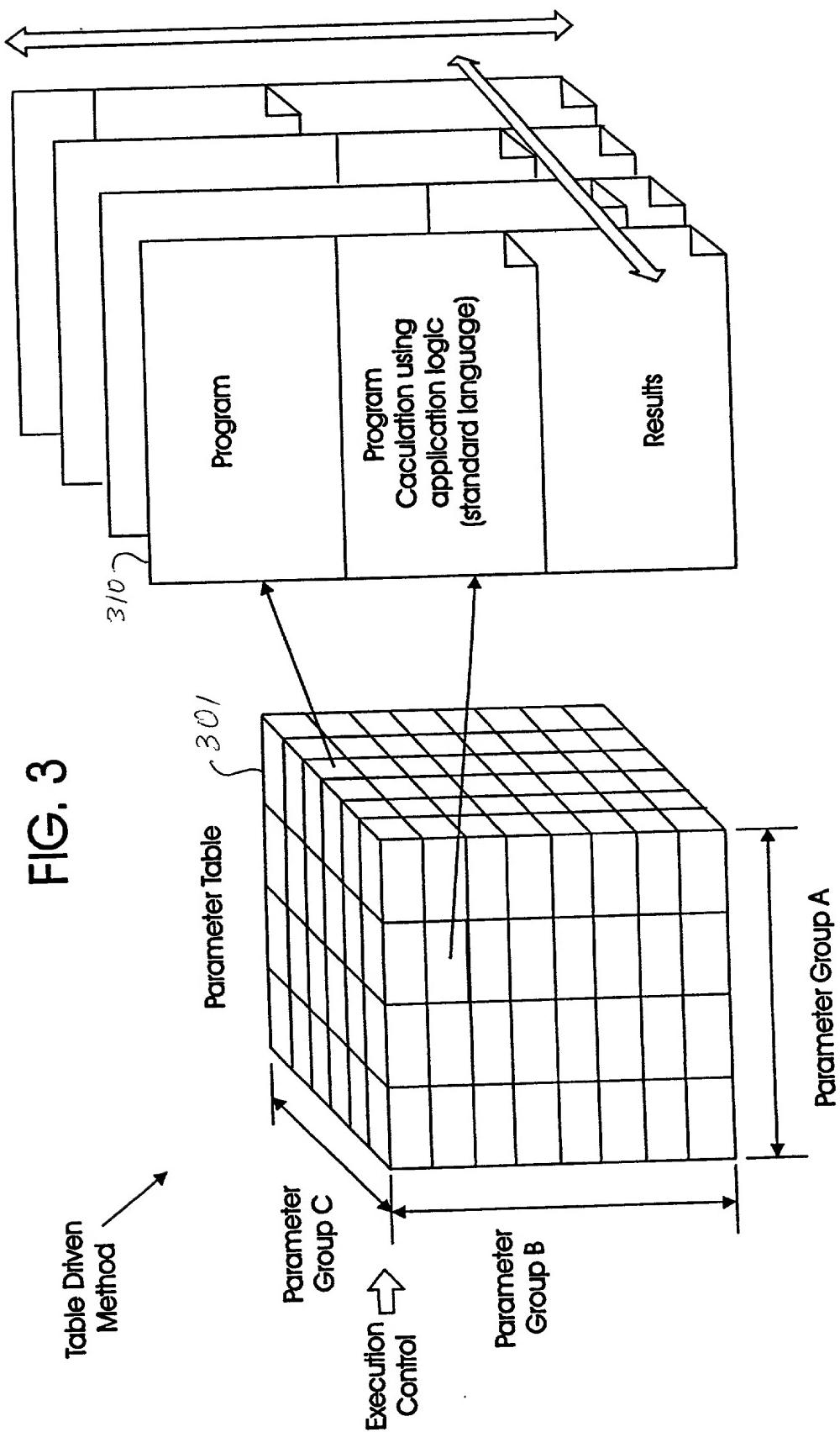


FIG. 4

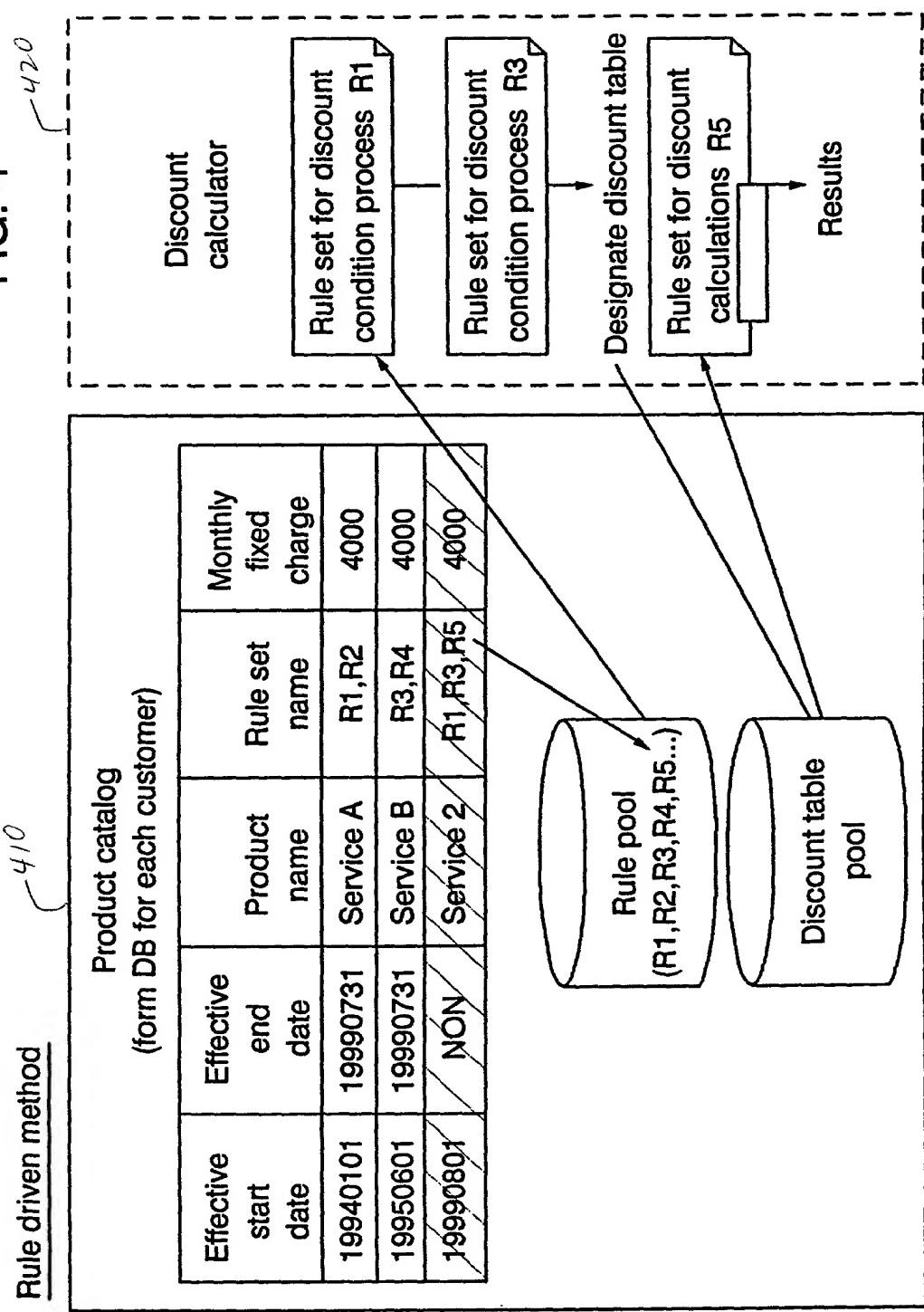


FIG. 5

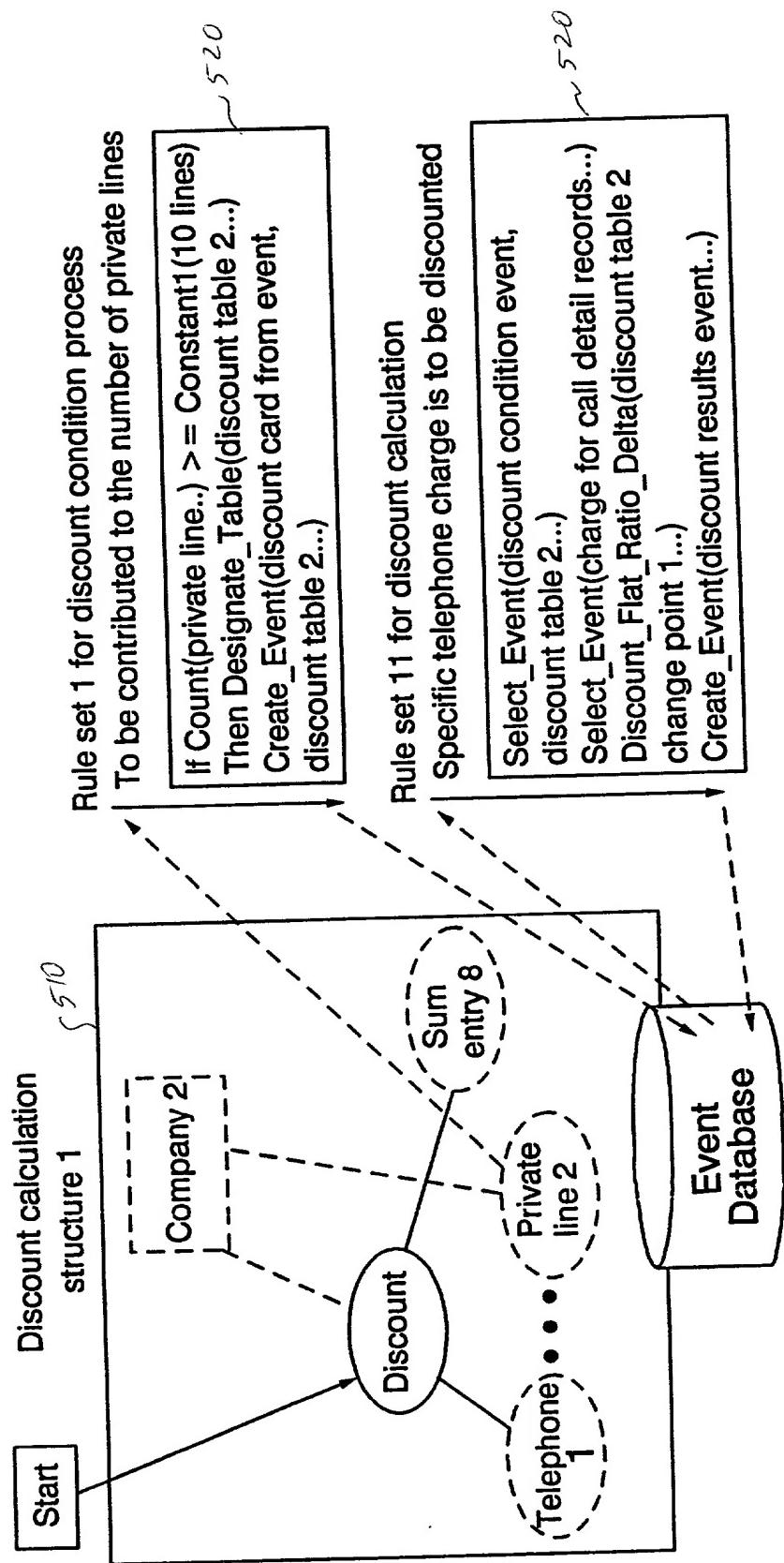
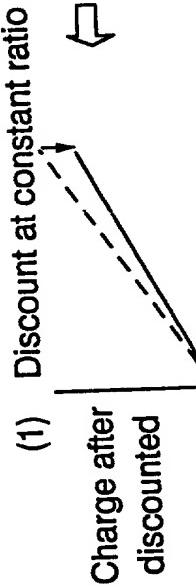
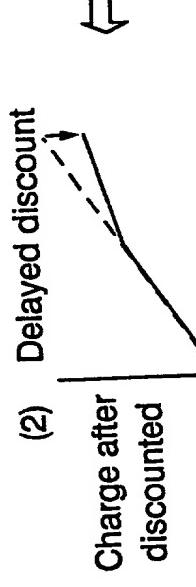


FIG. 6A

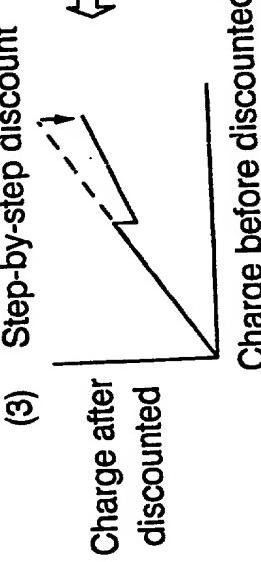
FIG. 6A  
FIG. 6B



Charge before discounted



Charge before discounted



Charge after discounted

FIG. 6A

Discount\_Flat\_Ratio\_Delta(discount 1 change point 1)

Table ID	Change point	X: Price	Y: Discount ratio
Discount 1	1	1	10

Discount\_Flat\_Ratio\_Delta(discount 2 change point 1)

Discount\_Flat\_Ratio\_Delta(discount 2 change point 2)

Discount\_Flat\_Ratio\_Delta(discount 2 change point 3)

Table ID	Change point	X: Price	Y: Discount ratio
Discount 2	1	1	0
Discount 2	2	5001	5
Discount 2	3	10001	10

Discount\_Flat\_Ratio\_Delta(discount 3 change point 1)

Discount\_Flat\_Ratio\_Accumulate(discount 3 change point 2)

Table ID	Change point	X: Price	Y: Discount ratio
Discount 3	1	1	0
Discount 3	2	5001	10

610

620

630

FIG. 6B

